



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4730-020
Job Sheet 167071



Part No: D4730-020

Job Qty: 50 ea

Part Name: Velcro Hook & Loop 2" Wide



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 10/23/17

Job Tracking No:

Due Date: 11/10/17

Created By: Mario Poulin

Type: SOLD

Description:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time
100	Purchasing	50 pcs		11/10/17	0.00	0.00	Purchasing	SP
110	Packaging	50 pcs		11/10/17	0.00	0.00	Packaging2	SP DAS 38
120	QC	50 pcs		11/10/17	0.00	0.00	QC6	38 9-89
130	Packaging	50 pcs		11/10/17	0.00	0.00	Packaging3	SP 38 9-89
140	QC21-SA	50 Ea		11/10/17	0.00	0.00	QC21	SP

Part Op 100 - Issue P/O: 38180

Descriptions: 110 - Ensure material release note is attached

OCT 27 2017
13
9-89

DAS
21
9-89
NOV 07 2017

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
100-Purchasing	9273K43 color black	50	0	0	0

Part Specifications



S004639



Velcro Hook & Loop 2" Wide

Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

mario

PART NO: D4730-020

Revision:

Operation: Packaging

Quantity: 50

Change No:

Mfg Date: 11/01/17

Job No: 167071



DQA: _____ Date: _____

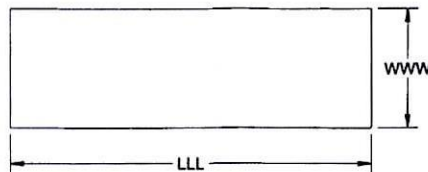
**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER :									

SPECIFICATION CONTROL DRAWING



WHERE WWW = WIDTH IN INCHES (IN TENTHS OF INCH)
LLL = LENGTH REQUIRED (IN TENTHS OF INCH)

EG: 2.0 WIDTH x 3.5" LONG VELCRO STRIP: D4730-020-035
0.75 WIDTH x 15.2" LONG VELCRO STRIP: D4730-008-152

DART PART NUMBER	DESCRIPTION	MATERIAL	POSSIBLE VENDOR	MAKE FROM VENDOR PART NUMBER	LENGTH (ft)	COLOR
D4730-WWW-LLL	GENERAL PURPOSE HOOK + LOOP	NYLON (ADHESIVE BACK)	McMASTER-CARR	9273K16 9273K23 9273K29 9273K36 9273K43 9273K48	5 10 15 30 50 75	BLACK

D4730-WWW-LLL VELCRO STRIP

NOTES:

- 1) MATERIAL: PER TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER QSI 044 6.7
- 7) WEIGHT: N/A

RELEASED
2013-01-30

B	ADD COLOR (ZN B2-1)	RF	12.11.30
A	NEW ISSUE	RF	12.07.25
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D4730	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	VELCRO STRIP	NTS
DATE	12.11.30	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Hawkesbury
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Hawkesbury, ON
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Canada

Tel (613) 632-5200

PURCHASE ORDER PO038180

Items											
Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
9	91595A476	-	Dowel Pin		Firmed	10/31/17	25 Ea	0 Ea	25 Ea	\$0.5352/Ea	\$13.38
10	92461A400	-	Nylon-Insert Flange Locknut		Firmed	10/31/17	100 Ea	0 Ea	100 Ea	\$0.097/Ea	\$9.70
11	9273K43	-	Velcro Hook & Loop Color: Black		Firmed	10/31/17	50 ft	0 ft	50 ft	\$2.0936/ft	\$104.68
Line Item Note AS-PER DWG D4730 REV. B B167071											
12	91611A108	-	Spring Pin 2mmRND x 18mm		Firmed	10/31/17	200 Ea	0 Ea	200 Ea	\$0.05665/Ea	\$11.33
Grand Total:											\$280.80

Order Notes

(Copied from part MDELINR0.750W-)

CL

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/27/17 1:42 PM dart.lavoie.chantal

38
9-86



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
P0038180

Order Placed By
Chantal Lavoie

McMaster-Carr Number
2686712-01

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10/27/2017

Line	Product	Ordered	Shipped
11	9273K43 Multipurpose Hook and Loop with Adhesive Backing, 2" Wide x 50 Feet Long, Black	1 Each	1

SPD-10-31
35
9-89

Shipped separately from our Cleveland warehouse on 10/27

1	6517K27 Bend-and-Stay 302/304 Stainless Steel Wire, Matte Finish, 1-Foot Long, 0.051" Diameter	1 Pack	1
2	8572K61 White Delrin® Acetal Resin Rod, 1" Diameter, 2' Length	2 Feet	2
3	94895A840 High-Strength Steel Hex Nut, Grade 8, Zinc Yellow-Chromate Plated, 3/4"-16 Thread Size	1 Pack	1
4	91732A266 Stainless Steel Helical Insert, M12 x 1.75 Thread Size, 18 mm Long	1 Pack	1
5	8486A419 Press-Fit Drill Bushing, 10mm ID, 15mm OD, 13mm Long	5 Each	5
6	3408A126 Slotted Spring Plunger with 440C Stainless Steel Ball-Nose, 18-8 Stainless Steel Body, 4-48, 0.1-0.5 lb. Force, without Thread Lock	10 Each	10
7	91595A029 Alloy Steel Dowel Pin, 2mm Diameter, 12mm Long	1 Pack	1
8	91595A446 Alloy Steel Dowel Pin, 6mm Diameter, 16mm Long	1 Pack	1
9	91595A476 Alloy Steel Dowel Pin, 6mm Diameter, 40mm Long	1 Pack	1
10	92461A400 Medium-Strength Steel Nylon-Insert Flange Locknut, Class 8, Zinc-Plated, M8 x 1.25 mm Thread	1 Pack	1
12	91611A108 Steel Slotted Spring Pin, 2mm Diameter, 18mm Long	1 Pack	1